

Inventor(s) Name: Heaps, et al.
Application No.: 10/828,850
Attorney Docket No.: 018360.260844
REPLACEMENT SHEETS

SAMPLE SET OF MODIFIED RUSH HOUR TRAVEL SPEEDS

GEOGRAPHIC	NORMAL	TRAVEL SPEED	TRAVEL SPEED	TRAVEL SPEED
AREA/ROAD	TRAVEL	DURING TIME	DURING TIME	DURING TIME
SEGMENT	SPEED	WINDOW#1	WINDOW #2	WINDOW #3
ROAD 1 IN	45 mph	31.5 mph	36 mph	31.5 mph
AREA 1		(30% SLOWER)	(20% SLOWER)	(30% SLOWER)
ROAD 2 IN	50 mph	35 mph	40 mph	35 mph
AREA 1		(30% SLOWER)	(20% SLOWER)	(30% SLOWER)
ROAD	30 mph	20 mph	0 mph	20 mph
Segment X		(30% SLOWER)	(TRAVEL RESTRICTION)	(30% SLOWER)
$\begin{array}{c} \text{ROAD} \\ \text{SEGMENT } \mathbf{Y} \end{array}$	65 mph	45.5 mph (30% SLOWER)	0 mph (TRAVEL RESTRICTION)	45.5 mph (30% SLOWER)
ALL AREAS AND ROADS TO WHICH NO NEW TRAFFIC RULES WERE DEFINED TO APPLY.	NORMAL SPEED	NORMAL SPEED	NORMAL Speed	NORMAL SPEED

SCHEDULING

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TRAVEL MATRIX FOR "NORMAL" TRAFFIC CONDITIONS

	LOCATION 1	LOCATION 2	LOCATION 3	LOCATION 4
LOCATION 1		10 minutes 2 miles	15 minutes 3 miles	20 minutes 4 miles
LOCATION 2	10 minutes 2 miles		5 minutes 1 mile	10 minutes 2 miles
LOCATION 3	15 minutes 3 miles	5 minutes 1 mile		5 minutes 1 mile
LOCATION 4	20 minutes 4 miles	10 minutes 2 miles	5 minutes 1 mile	

FIG. 2A

TRAVEL MATRIX FOR A PARTICULAR TIME WINDOW WITH A 20% SLOWER SPEED VARIATION

	LOCATION 1	LOCATION 2	LOCATION 3	LOCATION 4
LOCATION 1		15 minutes 3 miles	18 minutes 3 miles	24 minutes 4 miles
LOCATION 2	15 minutes 3 miles		6 minutes 1 mile	15 minutes 2 miles
LOCATION 3	18 minutes 3 miles	6 minutes 1 mile		6 minutes 1 mile
LOCATION 4	24 minutes 4 miles	15 minutes 2 miles	6 minutes 1 mile	

FIG. 2B

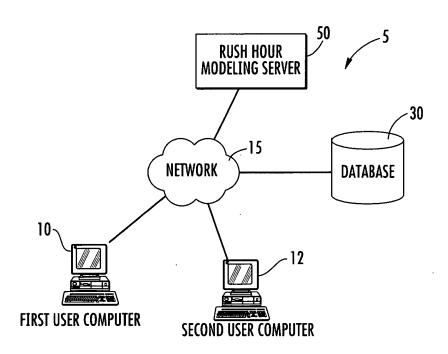


FIG. 3

SCHEDULING

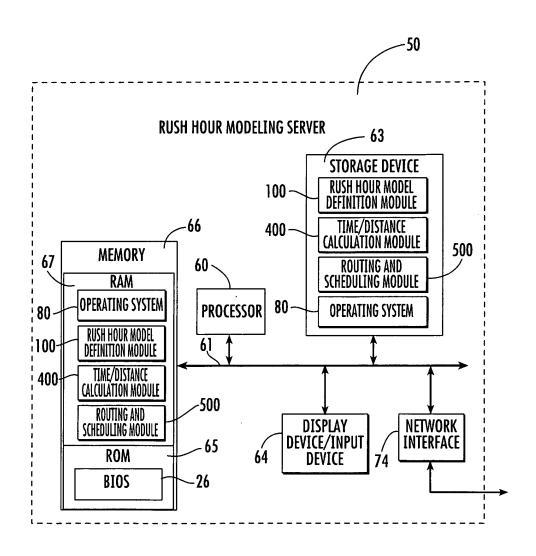


FIG. 4

SCHEDULING

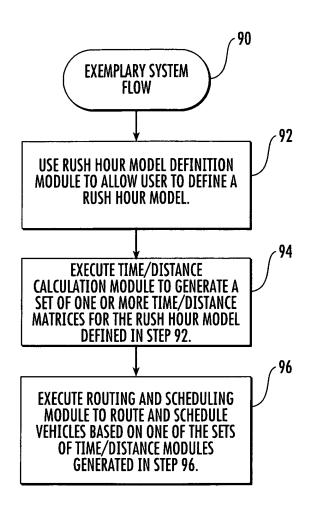


FIG. 5

SCHEDULING

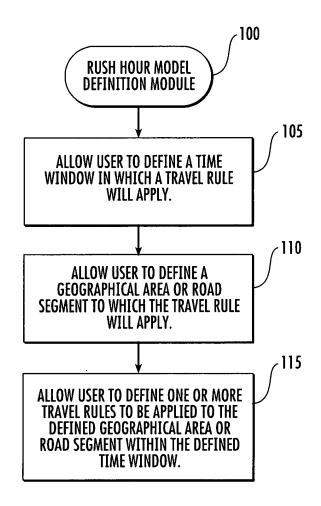


FIG. 6

SCHEDULING

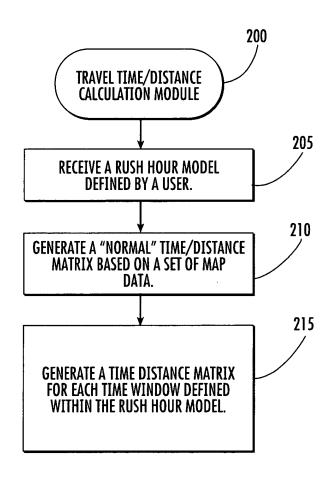


FIG. 7

SCHEDULING

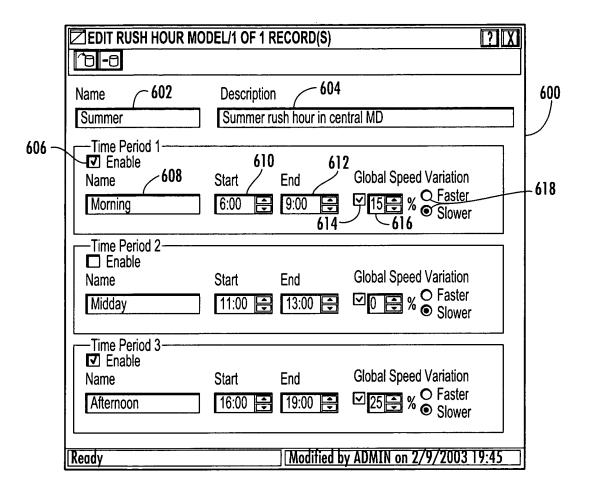


FIG. 8

SCHEDULING

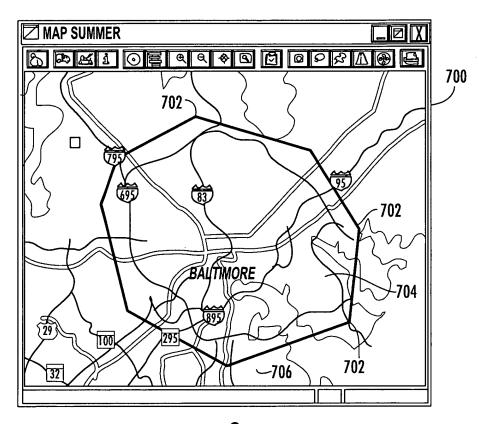


FIG. 9

SCHEDULING

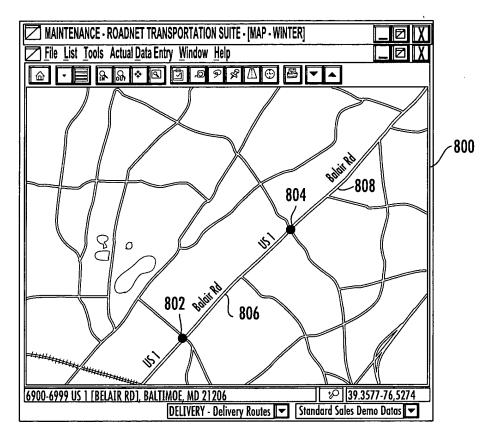


FIG. 10

SCHEDULING

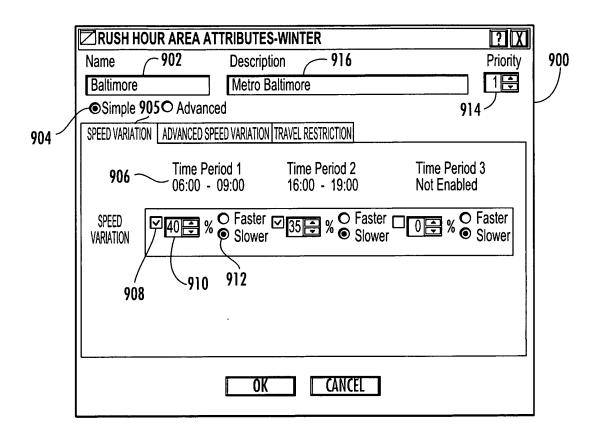


FIG. 11

RUSH HOUR A	REA ATTRIBUTES	-WINTER		? X
Name	Descript	tion		Priority 100
Baltimore	Metro B	Baltimore		18
○Simple ⑤	Advanced 1004	 1005		
SPEED VARIATION ADV	VANCED SPEED VARIATION	TRAVEL RESTRICTION		/
Time Road Class Not E		Time Period 2 16:00 - 19:00	Time Period 3 Not Enabled	
Interstate 1008 Primary	5 % C Faster F	1012 Slower	C Fast	er
	O Faster For Slower		C Fast	er
Local P10		✓ 20 → % ○ Faster Slower ✓ 10 → % ○ Faster Slower		er
	3.31101	3101101	0.0	
	Ol	CANCEL		

FIG. 12

RUSH HO	UR PATH ATTRIBUTES-	WINTER		? X]
Name	Descript	ion			1100
I-795	I-795 W	EST])
	Morning 1104 06:00 - 09:00	Midday Not Enabled	Afternoon 16:00 - 19:00		
SPEED Variation 1112	□ □ □ ∰ % ○ Faster	□ O Faster Slower		aster lower	
TRAVEL RESTRICTION	Restricted	☑ Restricted 1100	Restricted	1108	1110
1114 — Travel Direction	No Change Both Ways One Way: A to B One Way: B to A	No ChangeBoth WaysOne Way: A to BOne Way: B to A	No Change Both Ways One Way: A to One Way: B to	B O A	
	O	CANCEL			

FIG. 13

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1200 ? X ☐ EDIT EQUIPMENT TYPE /1 OF 1 RECORD(S) 70 -1201 General Fleetloader Type ID 1204 Description 24 FT ST -General Info 1206 1212-Weight Height Dry Refrig Frozen Sizes 0.0000 9,999.9999 0 Cases 500 Cost Info 500 0 Weight 2 Fixed Variable 12,500 Cube 0.0010 1.0000 Prohibited from Restricted Rush Hour Areas and Paths Modified by ADMIN on 4/25/2000 23:24 Ready 1210 FIG. 14

RUSH HOU	JR AREA ATTRIBUTES	-WINTER		? X	
Name	Descrip	tion		Priority	130
Metro Baltim	ore Area er	closing Balt. Beltway		00	
O Simple	Advanced			F	7
SPEED VARIATION	ADVANCED SPEED VARIATION	TRAVEL RESTRICTION			
Road Class	Morning 1308 06:00 - 09:00	Midday Not Enabled	Afternoon 16:00 - 19:00		
Interstate	Restricted	☐ Restricted	☐ Restricted		
Primary	Restricted	☐ Restricted	☑ Restricted		
Secondary		☐ Restricted			
Local and Ramps	☑ Restricted	Restricted CANCEL	Restricted CANCEL		
1312	A check on this cannot use road	page means restricted as of that class during	d equipment types the time period		
	OK	CANCEL			

FIG. 15

SCHEDULING

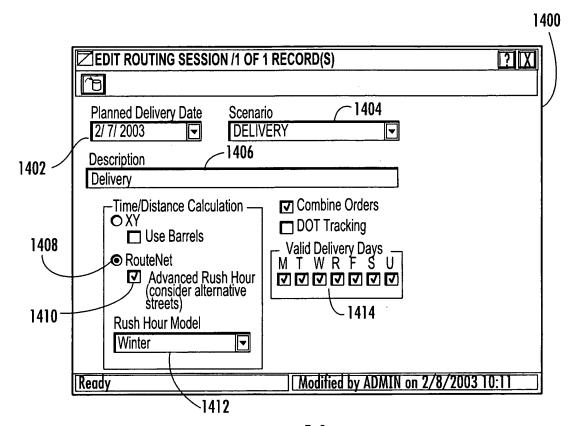


FIG. 16

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<u></u>		**************************************				
	☑Rush Hour M	lodels				
ľ	T -0 2 C] <u>N</u> one				
Γ	Name	Description	Advanced	User Modified	Date Modified	
	Holiday Summer Winter	Rush hour for holidays Summer rush hour in central MD Winter rush hour in central MD		ADMIN ADMIN ADMIN	2/9/2003 19:46 12/9/2003 19:45 2/9/2003 19:44	
	3					
L]1]					

1500

FIG. 17